

In the Abstract

[Please amend the Abstract as follows. A clean version of the amended Abstract on a separate sheet is attached hereto.]

ABSTRACT OF THE DISCLOSURE

97 Cellular telecommunication network [1 comprises] includes a plurality of base [station 4, 6, 7,] stations, together with a plurality of positioning elements [3, 5]. In order to determine the position of mobile station [2], positioning signals are transmitted from positioning element [3, 5] and can be detected by mobile station [2]. By detecting the time of arrival of the positioning signals, the network [1] can determine the position of mobile station [2].

In the Claims

[Please substitute the claim set in the appendix entitled Clean Version of Pending Claims for the previously pending claim set. Specific amendments to individual claims are detailed in the following marked up set of claims.]

[Please amend claims as follows:]

3. (Once Amended) A method as claimed in [either one of the preceding claims] claim 1 wherein said positioning signal is transmitted at a predetermined time relative to the timing of transmissions from a Base station with which the Mobile station is in communication, and said time-of arrival value is also relative to the timing of transmissions from said Base station.

93 4. (Once Amended) A method as claimed in [any one of the preceding claims] claim 1 wherein said positioning element transmits only intermittently, such that it is in a state of not transmitting any signals for larger average periods of time than it is in a state of transmitting signals.

94 8. (Once Amended) A positioning element as in [any one of claims 5, 6 or 7] claim 5 powered solely by one or more batteries.

**PRELIMINARY AMENDMENT**

Serial Number: Unknown

Filing Date: Herewith

Title: CELLULAR TELECOMMUNICATIONS NETWORK

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**CLEAN VERSION OF AMENDED ABSTRACT**

**ABSTRACT OF THE DISCLOSURE**

Cellular telecommunication network includes a plurality of base stations, together with a plurality of positioning elements . In order to determine the position of mobile station , positioning signals are transmitted from positioning element and can be detected by mobile station . By detecting the time of arrival of the positioning signals, the network can determine the position of mobile station .

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